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Efficient shock-absorbing packaging - comprises cold gas-filled composite thermoplastic film tubing cross-welded alternately horizontally and vertically into pockets

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Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3601520	A	19861023	DE 3601520	A	19860120	198644 B
FR 2580597	A	19861024	FR 86338	A	19860110	198649

Priority Applications (No Type Date): US 85725244 A 19850419

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3601520	A		43		

Abstract (Basic): DE 3601520 A

Shock-absorbing plastic packaging material has a series of hollow parts with hot-pressed welded end pieces joining them together alternately horizontally and vertically, so that each hollow part is approximately pyramidal, each also being filled with gas at a temp. lower than ambient.

ADVANTAGE - Material is suitable for mass prodn. in simple form and is effective in shock absorption and general packaging properties. It can be laid all over an article to be packaged so as to provide mechanical protection in all directions. It is efficient over a wide temp. range. (43pp Dwg.No.0/3)

Title Terms: EFFICIENCY; SHOCK; ABSORB; PACKAGE; COMPRISE; COLD; GAS; FILLED; COMPOSITE; THERMOPLASTIC; FILM; TUBE; CROSS; WELD; ALTERNATE; HORIZONTAL; VERTICAL; POCKET

Derwent Class: A17; A23; A92; Q34

International Patent Class (Additional): B29C-065/20; B65D-065/40; B65D-081/14

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): A11-C01A1; A12-P

Plasdoc Codes (KS): 0215 0231 0239 1283 1291 2349 2353 2359 2368 2372 2378
3227 3241 2513 2518 2623 2654 2667 3258 2791

Polymer Fragment Codes (PF):

001 014 04- 041 046 047 141 143 144 352 369 371 381 388 427 435 454 497
50& 51& 54& 551 560 562 575 596 602 604 608 651 688 726 727